

Title (en)

Method and apparatus for detecting track jumping point in magnetic recording and reproducing system.

Title (de)

Verfahren und Vorrichtung zur Erfassung von Spurwechselpunkten in magnetischen Aufzeichnungs- und Wiedergabesystemen.

Title (fr)

Procédé et dispositif pour détecter des positions de changement de piste dans les systèmes magnétiques d'enregistrement et de reproduction.

Publication

EP 0081232 A1 19830615 (EN)

Application

EP 82111315 A 19821207

Priority

- JP 15076282 A 19820901
- JP 19568581 A 19811207

Abstract (en)

In a helical scan type VTR provided with at least two magnetic heads (A, B) having different azimuth angles, a pilot signal including four different frequencies f1, f2, f3, and f4 are recorded in multiple on record tracks (Ai, Bi) in a predetermined sequence upon recording. The pilot frequency signals sequentially read out in special reproduction operations are so processed that track jumping points (8b) are detected at which the magnetic head is shifted to an immediately adjacent track or a next adjacent track located by one track away.

IPC 1-7

H04N 5/783; **G11B 21/10**

IPC 8 full level

G11B 15/14 (2006.01); **G11B 15/18** (2006.01)

CPC (source: EP)

G11B 15/14 (2013.01); **G11B 15/1808** (2013.01)

Citation (search report)

- DE 2809402 A1 19780921 - PHILIPS NV
- DE 2941013 A1 19800430 - PHILIPS NV
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- DE 3046370 A1 19810917 - VICTOR COMPANY OF JAPAN [JP]
- DE 2903637 A1 19790809 - PHILIPS NV

Cited by

EP0257974A3; EP0392789B1

Designated contracting state (EPC)

AT DE FR

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